

<p style="text-align: center;">O 1 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p style="text-align: center;">SEP 03 2003 JCS</p> <p style="text-align: center;">U.S. PATENT DOCUMENTS</p>				ATTY DOCKET NO. FA/254		SERIAL NO. 10/601,085																																																																																																	
				Jain et al.																																																																																																			
				FILING June 20, 2003		GROUP																																																																																																	
<table border="1"> <thead> <tr> <th>EXAMINER INITIAL</th> <th>DOCUMENT NUMBER</th> <th>DATE</th> <th>NAME</th> <th>CLASS</th> <th>SUBCLASS</th> <th colspan="2">FILING DATE IF APPROPRIATE</th> </tr> </thead> <tbody> <tr><td>M</td><td>3,953,566</td><td>04/27/76</td><td>Gore</td><td>264</td><td>288</td><td colspan="2"></td></tr> <tr><td></td><td>4,194,041</td><td>03/18/80</td><td>Gore et al.</td><td>428</td><td>315</td><td colspan="2"></td></tr> <tr><td></td><td>4,515,761</td><td>05/07/85</td><td>Plotzker</td><td>423</td><td>240</td><td colspan="2"></td></tr> <tr><td></td><td>4,518,650</td><td>05/21/85</td><td>Grot et al.</td><td>428</td><td>286</td><td colspan="2"></td></tr> <tr><td></td><td>4,634,530</td><td>01/06/87</td><td>Kuder et al.</td><td>210</td><td>500.23</td><td colspan="2"></td></tr> <tr><td></td><td>4,682,730</td><td>07/28/87</td><td>Smeysters</td><td>239</td><td>109</td><td colspan="2"></td></tr> <tr><td></td><td>4,824,916</td><td>04/25/89</td><td>Kershner et al.</td><td>525</td><td>420</td><td colspan="2"></td></tr> <tr><td></td><td>4,828,699</td><td>05/09/89</td><td>Soehngen</td><td>210</td><td>500.28</td><td colspan="2"></td></tr> <tr><td></td><td>5,013,765</td><td>05/07/91</td><td>Sluma et al.</td><td>521</td><td>27</td><td colspan="2"></td></tr> <tr><td></td><td>5,024,594</td><td>06/18/91</td><td>Athayde et al.</td><td>428</td><td>246</td><td colspan="2"></td></tr> <tr><td>↓</td><td>5,362,836</td><td>11/08/94</td><td>Helmer-Metzmann et al.</td><td>528</td><td>125</td><td colspan="2"></td></tr> </tbody> </table>								EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		M	3,953,566	04/27/76	Gore	264	288				4,194,041	03/18/80	Gore et al.	428	315				4,515,761	05/07/85	Plotzker	423	240				4,518,650	05/21/85	Grot et al.	428	286				4,634,530	01/06/87	Kuder et al.	210	500.23				4,682,730	07/28/87	Smeysters	239	109				4,824,916	04/25/89	Kershner et al.	525	420				4,828,699	05/09/89	Soehngen	210	500.28				5,013,765	05/07/91	Sluma et al.	521	27				5,024,594	06/18/91	Athayde et al.	428	246			↓	5,362,836	11/08/94	Helmer-Metzmann et al.	528	125		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE																																																																																																	
M	3,953,566	04/27/76	Gore	264	288																																																																																																		
	4,194,041	03/18/80	Gore et al.	428	315																																																																																																		
	4,515,761	05/07/85	Plotzker	423	240																																																																																																		
	4,518,650	05/21/85	Grot et al.	428	286																																																																																																		
	4,634,530	01/06/87	Kuder et al.	210	500.23																																																																																																		
	4,682,730	07/28/87	Smeysters	239	109																																																																																																		
	4,824,916	04/25/89	Kershner et al.	525	420																																																																																																		
	4,828,699	05/09/89	Soehngen	210	500.28																																																																																																		
	5,013,765	05/07/91	Sluma et al.	521	27																																																																																																		
	5,024,594	06/18/91	Athayde et al.	428	246																																																																																																		
↓	5,362,836	11/08/94	Helmer-Metzmann et al.	528	125																																																																																																		
<table border="1"> <thead> <tr> <th colspan="7">FOREIGN PATENT DOCUMENTS</th> </tr> <tr> <th></th> <th>DOCUMENT NUMBER</th> <th>DATE</th> <th>COUNTRY</th> <th>CLASS</th> <th>SUBCLASS</th> <th>TRANSLATION</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>YES</th> </tr> </thead> <tbody> <tr><td>M</td><td>WO 01/19896A1</td><td>03/22/01</td><td>PCT</td><td></td><td></td><td>✓</td></tr> <tr><td></td><td>WO 02/25764A1</td><td>03/28/02</td><td>PCT</td><td></td><td></td><td>✓</td></tr> <tr><td></td><td>WO 03/005474A2</td><td>01/16/03</td><td>PCT</td><td></td><td></td><td>✓</td></tr> <tr><td>↓</td><td>WO 96/37365</td><td>11/28/96</td><td>PCT</td><td></td><td></td><td>✓</td></tr> </tbody> </table>								FOREIGN PATENT DOCUMENTS								DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION							YES	M	WO 01/19896A1	03/22/01	PCT			✓		WO 02/25764A1	03/28/02	PCT			✓		WO 03/005474A2	01/16/03	PCT			✓	↓	WO 96/37365	11/28/96	PCT			✓																																															
FOREIGN PATENT DOCUMENTS																																																																																																							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION																																																																																																	
						YES																																																																																																	
M	WO 01/19896A1	03/22/01	PCT			✓																																																																																																	
	WO 02/25764A1	03/28/02	PCT			✓																																																																																																	
	WO 03/005474A2	01/16/03	PCT			✓																																																																																																	
↓	WO 96/37365	11/28/96	PCT			✓																																																																																																	
<p>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</p> <table border="1"> <tbody> <tr> <td>M</td> <td></td> <td></td> <td colspan="5"> "Influence of the Nature of Polymer Matrix and the Degree of Sulfonation on the Properties of Membranes", Komkova, Wessling, Krol, Strathmann and Berezina, published in Polymer Science, Ser A., Vol 43, No 3, 2001, pp. 300-307 </td> </tr> <tr> <td>↓</td> <td></td> <td></td> <td colspan="5"> "Heat-Resistant Polymers", Critchley, Knight and Wright, published by Plenum Press, New York and London, pp. 1-19, 125-127, and 185-187. (1983) </td> </tr> </tbody> </table>								M			"Influence of the Nature of Polymer Matrix and the Degree of Sulfonation on the Properties of Membranes", Komkova, Wessling, Krol, Strathmann and Berezina, published in Polymer Science, Ser A., Vol 43, No 3, 2001, pp. 300-307					↓			"Heat-Resistant Polymers", Critchley, Knight and Wright, published by Plenum Press, New York and London, pp. 1-19, 125-127, and 185-187. (1983)																																																																																				
M			"Influence of the Nature of Polymer Matrix and the Degree of Sulfonation on the Properties of Membranes", Komkova, Wessling, Krol, Strathmann and Berezina, published in Polymer Science, Ser A., Vol 43, No 3, 2001, pp. 300-307																																																																																																				
↓			"Heat-Resistant Polymers", Critchley, Knight and Wright, published by Plenum Press, New York and London, pp. 1-19, 125-127, and 185-187. (1983)																																																																																																				
EXAMINER <i>M. Mayhew</i>				DATE CONSIDERED 10/10/2003																																																																																																			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>																																																																																																							

<p style="text-align: center;">U.S. INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p style="text-align: center;">SEP 03 2003 JC55</p> <p style="text-align: center;">EXAMINER: M. MATERNA</p>			ATTY DOCKET NO. FA/254		SERIAL NO. 10/601,085	
			Jain et al.			
			FILING June 20, 2003		GROUP	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M.M.	5,391,426	02/21/95	Huey S. Wu	428	246	
	5,403,675	04/04/95	Ogata et al.	429	33	
	5,824,405	10/20/98	Lloyd S. White	428	304.4	
	6,087,031	07/11/00	Iwasaki et al.	429	33	
	6,118,218	09/12/00	Yializis et al.	315	111.21	
	6,395,383	05/28/02	Allan B. Maples	428	319.3	
	6,451,921	09/17/02	Weisse et al.	525	328.5	
	6,509,441	01/21/03	Kerres	528	391	
↓	6,579,948	06/17/03	Tan et al.	525	333.5	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER <i>M. Materka</i>		DATE CONSIDERED <i>6/10/2003</i>				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>						